

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2016, Montana

Year	Coal	Natural Gas <sup>a</sup>	Petroleum				Nuclear Electric Power	Hydroelectric Power <sup>d</sup>	Biomass	Geothermal <sup>f</sup>	Solar <sup>f,g</sup>	Wind <sup>f</sup>	Net Electricity Imports <sup>h</sup>	Total <sup>f,i</sup>
			Distillate Fuel Oil <sup>b</sup>	Petroleum Coke	Residual Fuel Oil <sup>c</sup>	Total			Wood and Waste <sup>e,f</sup>					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours			Million Kilowatthours				
1960	187	(s)	(s)	0	(s)	(s)	0	5,801	--	0	NA	NA	-1	--
1965	296	2	(s)	0	1	1	0	8,389	--	0	NA	NA	-1	--
1970	723	3	(s)	0	26	26	0	8,745	--	0	NA	NA	-1	--
1975	1,089	1	1	0	53	54	0	10,166	--	0	NA	NA	-2	--
1980	3,352	4	59	0	0	59	0	9,966	--	0	NA	NA	-2	--
1985	5,480	(s)	38	0	0	38	0	10,175	--	0	0	(s)	70	--
1990	9,573	(s)	63	0	0	63	0	10,717	--	0	0	0	47	--
1995	9,641	(s)	57	1,222	0	1,278	0	10,746	--	0	0	0	(s)	--
1996	8,075	(s)	62	1,126	0	1,187	0	13,795	--	0	0	0	38	--
1997	9,465	(s)	50	1,155	0	1,205	0	13,406	--	0	0	0	11	--
1998	10,896	1	40	1,175	0	1,215	0	11,118	--	0	0	0	23	--
1999	10,903	(s)	37	1,327	0	1,363	0	13,822	--	0	0	0	-17	--
2000	10,385	(s)	41	1,356	0	1,397	0	8,623	--	0	0	0	-3	--
2001	10,838	(s)	2	1,429	0	1,431	0	6,613	--	0	0	0	(s)	--
2002	9,746	(s)	26	1,245	0	1,270	0	9,567	--	0	0	0	52	--
2003	11,032	(s)	28	1,187	0	1,215	0	8,702	--	0	0	0	10	--
2004	11,322	(s)	32	1,334	0	1,366	0	8,856	--	0	0	0	-36	--
2005	11,588	(s)	18	1,258	0	1,276	0	9,587	--	0	0	0	9	--
2006	11,302	1	25	1,279	0	1,303	0	10,130	--	0	0	436	-214	--
2007	11,929	1	21	1,244	0	1,264	0	9,364	--	0	0	496	-54	--
2008	12,012	1	14	1,164	0	1,178	0	10,000	--	0	0	593	-248	--
2009	10,151	1	17	1,348	0	1,366	0	9,506	--	0	0	821	-288	--
2010	12,005	1	17	1,138	0	1,154	0	9,415	--	0	0	930	-375	--
2011	9,758	5	28	1,320	0	1,348	0	12,596	--	0	0	1,265	-369	--
2012	9,057	5	14	1,344	0	1,358	0	11,283	--	0	0	1,262	-175	--
2013	9,562	7	19	1,323	0	1,342	0	9,638	--	0	0	1,755	-348	--
2014	10,180	6	45	1,208	0	1,253	0	11,483	--	0	0	1,974	-979	--
2015	10,277	7	12	1,458	0	1,470	0	9,888	--	0	0	1,965	-174	--
2016	9,328	5	21	1,365	0	1,386	0	10,083	--	0	0	2,140	124	--
Trillion Btu														
1960	2.5	0.4	(s)	0.0	(s)	(s)	0.0	62.4	0.0	0.0	NA	NA	(s)	65.3
1965	3.9	2.0	(s)	0.0	(s)	(s)	0.0	87.7	0.4	0.0	NA	NA	(s)	94.0
1970	11.2	2.6	(s)	0.0	0.2	0.2	0.0	91.8	0.8	0.0	NA	NA	(s)	106.5
1975	17.4	1.2	(s)	0.0	0.3	0.3	0.0	105.8	0.1	0.0	NA	NA	(s)	124.9
1980	57.0	4.4	0.3	0.0	0.0	0.3	0.0	103.5	0.2	0.0	NA	NA	(s)	165.4
1985	94.8	0.6	0.2	0.0	0.0	0.2	0.0	106.3	0.6	0.0	0.0	(s)	0.2	202.8
1990	163.7	0.5	0.4	0.0	0.0	0.4	0.0	111.5	0.8	0.0	0.0	0.0	0.2	277.0
1995	163.8	0.4	0.3	7.4	0.0	7.7	0.0	110.8	0.0	0.0	0.0	0.0	(s)	282.7
1996	136.3	0.5	0.4	6.8	0.0	7.1	0.0	142.6	0.0	0.0	0.0	0.0	0.1	286.7
1997	159.2	0.4	0.3	7.0	0.0	7.2	0.0	136.9	0.0	0.0	0.0	0.0	(s)	303.8
1998	183.4	0.5	0.2	7.1	0.0	7.3	0.0	113.4	0.0	0.0	0.0	0.0	0.1	304.7
1999	183.7	0.3	0.2	8.0	0.0	8.2	0.0	141.3	0.0	0.0	0.0	0.0	-0.1	333.5
2000	174.1	0.2	0.2	8.2	0.0	8.4	0.0	98.2	0.0	0.0	0.0	0.0	(s)	280.8
2001	181.7	0.2	(s)	8.6	0.0	8.6	0.0	68.3	0.0	0.0	0.0	0.0	(s)	258.9
2002	164.9	0.1	0.1	7.5	0.0	7.6	0.0	97.3	0.0	0.0	0.0	0.0	0.2	270.2
2003	187.6	0.2	0.2	7.1	0.0	7.3	0.0	88.1	0.0	0.0	0.0	0.0	(s)	283.3
2004	192.3	0.2	0.2	7.6	0.0	7.8	0.0	88.7	0.0	0.0	0.0	0.0	-0.1	288.9
2005	195.6	0.2	0.1	7.2	0.0	7.3	0.0	95.9	0.0	0.0	0.0	0.0	(s)	299.0
2006	190.5	0.5	0.1	7.3	0.0	7.5	0.0	100.5	0.0	0.0	0.0	4.3	-0.7	302.6
2007	200.8	1.0	0.1	7.1	0.0	7.2	0.0	92.6	0.0	0.0	0.0	4.9	-0.2	306.4
2008	201.6	0.5	0.1	6.7	0.0	6.7	0.0	98.5	0.0	0.0	0.0	5.8	-0.8	312.4
2009	171.7	0.7	0.1	7.7	0.0	7.8	0.0	92.8	0.0	0.0	0.0	8.0	-1.0	280.0
2010	202.0	0.7	0.1	6.5	0.0	6.6	0.0	91.8	0.0	0.0	0.0	9.1	-1.3	309.0
2011	164.2	4.8	0.2	7.5	0.0	7.7	0.0	122.4	0.0	0.0	0.0	12.3	-1.3	310.1
2012	153.0	5.5	0.1	7.7	0.0	7.8	0.0	107.4	0.0	0.0	0.0	12.0	-0.6	285.1
2013	161.6	7.4	0.1	7.6	0.0	7.7	0.0	92.0	0.0	0.0	0.0	16.7	-1.2	284.2
2014	170.5	5.8	0.3	6.9	0.0	7.2	0.0	109.2	0.0	0.0	0.0	18.8	-3.3	308.1
2015	173.4	6.7	0.1	8.3	0.0	8.4	0.0	92.1	0.0	0.0	0.0	18.3	-0.6	298.4
2016	157.2	5.5	0.1	7.8	0.0	7.9	0.0	93.1	0.0	0.0	0.0	19.8	0.4	284.0

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

<sup>b</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

<sup>c</sup> Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

<sup>d</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>g</sup> Solar thermal and photovoltaic energy.

<sup>h</sup> Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

<sup>i</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other

fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.